

Troubleshooting

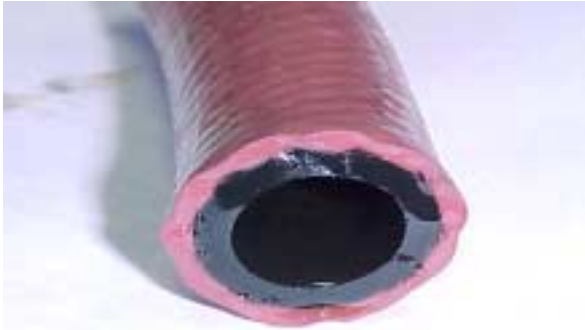
It is important to fully inspect the overall hose assembly both prior to installation, and also after the installation.



Hose Products

Troubleshooting

- Oil Swell



Corrective Action:

Select a hose to handle the
oil resistance required



Hose Products

Troubleshooting

- Common Pipe nipple and worm gear clamp



Corrective Action:

Use a properly barbed hose fitting held in place by ferrule, or approved band clamp



Hose Products

Troubleshooting

- Never use clamping devices on push-on hose and push-on fittings.



Corrective Action:

The barbs of push-on fittings are sharper than standard barb fittings, clamping will cause ID premature failure.



Hose Products

Troubleshooting

- Cold Cracks / Heat Cracks



Corrective Action: Check application or internal temperature, select a hose with a temperature rating to meet requirements.



Hose Products

Troubleshooting

- Never use a Air King fitting in steam service.



Steam hose

Corrective Action:

Use only approved steam hose fittings and clamps for steam service.



Hose Products

Troubleshooting

- Blistering



Corrective Action: Pin Prick hose cover, change to a hose with a tube of higher density such as chlorobutyl.



Hose Products

Troubleshooting

- Improper clamp selection.



Steam assembly leaked
as pressure was applied.



Corrective Action:

Use properly sized clamp to prevent
leaking at the coupling.



Hose Products

Troubleshooting

- Never use KC nipples & band clamps for steam service.

Steam
Hose



Corrective Action:

Only use approved steam hose fittings and clamps for steam service.



Hose Products

Troubleshooting

- Pressure Bursts



Corrective Action:

Exceeded rated working pressure, use a higher working pressure rating hose if available.



Hose Products

Troubleshooting

- The selected mender and clamping device, are totally inadequate for hydraulic service.

Hydraulic
Hose



Corrective Action:

Use approved crimped-on hydraulic fittings for this application.



Hose Products

Troubleshooting

- Kinks (run over, exceed bend radius)



Corrective Action: Re-route the product to minimize the bend radius, and or check the layout of the product to avoid run over problems.

Another option is to recommend a more flexible hose than Blue Flexwing



Hose Products

Troubleshooting

- Band clamps grossly over-tightened



Corrective Action:

Remove old clamps and install new clamps per instructions of clamp manufacturer.



Hose Products

Troubleshooting

- Chemical Attack



Corrective Action:

Select a hose to handle the chemical required



Hose Products

Troubleshooting

- Clamps installed at the high point of the hose shank, no holding power.

Fitting starting to eject when pressure applied



Corrective Action:

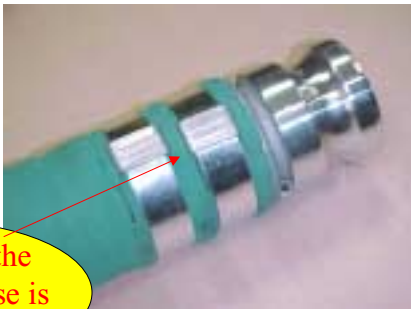
Before installing fitting inside the hose, mark where the bands must be located and tightened once the shank is inserted.



Hose Products

Troubleshooting

- Band clamps are in alignment.



Spray leak at the fitting when hose is pressurized.

Corrective Action:

Suggest 180 degrees apart for 2 bands, 120 degrees apart for 3 bands.



Hose Products



Back to Product presentations

Should you require further information on possible hose trouble shooting problems please refer to the ENGINEERING section within the PRODUCTS page. This section offers some in detailed information on basics of rubber and plastic technologies.